

12/20

[illegible]

Figure 12

Replacement Sheet

13/20

** SEQ ID NO: 4

* SEQ ID NO: 3

SGK2β SEQ ID NO: 8									
hSGK1	MTVRTEAAKG	TLTYSRMRGM	VAILIAFMKQ	RRMGLNDETD	KIANNYSACK				
hSGK2	MQGLLTSGRK	PSGGRCRTGR	GGWRGQWCLK	PWGGAD---	-PPTPTLSCL				
mSGK2*									
hSGK3	MALRIFAKRI	FGD-----	-NFDPDHKKQ	RRAGLNDFIQ	NLVRYPELYN				
SGK2α SEQ ID NO: 1									
hSGK1	HPDVQSILKI	SCPQEPPELMN	ANPSEEPSP-	---S-QQINL	GPSSNPFAKP				
hSGK2	LLFVPPPLPD	HCYRMNSSPA	GTSPSQPSR	---ANQNINL	GPSANENACP				
mSGK2									
hSGK3	HPDVRAFLQM	DSPKHQSDPS	EDEDERSQK	LHSTSONINL	GPSCNFAKP				
hSGK1	SDPHEHNVIG	KGSFGKVLLA	RHAAEEVFYA	VAVLQKRAIL	KRKPEKHIMS				
hSGK2	TDDEHHAIVG	KGNVGVLLA	KKSDGAEYA	VAVLQKASIL	KKPEQSHIMA				
mSGK2	TDDEHHAIVG	KGNVGVLLA	KKSDGAEYA	VAVLQKASIL	KKPEQSHIMA				
hSGK3	TDDEHHAIVG	KGSFGKVLLA	KRKDCGFYA	VAVLQKRAIVL	NRKEQKHIMA				
hSGK1	ERNVLRNVK	HPFLVGLHRS	FQTADRLYEV	LDYVNGGPIE	YHLQERPEFL				
hSGK2	ERNVLRNVK	HPFLVGLHRS	FQTADRLYEV	LDYVNGGPIE	YHLQERPEFL				
mSGK2	ERNVLRNVK	HPFLVGLHRS	FQTADRLYEV	LDYVNGGPIE	YHLQERPEFL				
hSGK3	ERNVLRNVK	HPFLVGLHRS	FQTADRLYEV	LDYVNGGPIE	YHLQERPEFL				
hSGK1	EPRAEYAAE	IASALGYLHS	LNIVYRDIKP	ENILIDSQGH	VVLIDEGICK				
hSGK2	EPRAEYAAE	VASALGYLHS	LNIVYRDIKP	ENILIDCQGH	VVLIDEGICK				
mSGK2	EPRAEYAAE	VASALGYLHS	LNIVYRDIKP	ENILIDCQGH	VVLIDEGICK				
hSGK3	EPRAEYAAE	IASALGYLHS	IKIVYRDIKP	ENILIDSVGH	VVLIDEGICK				
hSGK1	ENIDHNSHIS	IFCGTPEYTA	PEVLEKQPYD	RAVDWNCIGA	VLYEMLYGLP				
hSGK2	EGVDEEMHIS	IFCGTPEYTA	PEVLEKQPYD	RAVDWNCIGA	VLYEMLYGLP				
mSGK2	ECVDEEMHIS	IFCGTPEYTA	PEVLEKQPYD	RAVDWNCIGA	VLYEMLYGLP				
hSGK3	EGIAISDITIT	IFCGTPEYTA	PEVLEKQPYD	NTVDWNCIGA	VLYEMLYGLP				
hSGK1	PFYSRNTABM	YDNILHOPLO	LKPNIITNSAR	HLLEGILCKD	RTRRLGAKOD				
hSGK2	PFYSQDV SOM	YDNILHOPLO	IFGGRTVAC	DLLOSLHKD	CRORLGSKAD				
mSGK2	PFENTCVAQM	YDNILHOPLO	IFGGRTVAC	DLLOGLHKD	CRORLGSKED				
hSGK3	PFYCREVAEM	YDNILHOPLO	LRFGVSLTAN	SLBELLEND	RQNRIGARED				
hSGK1	PMETKSHVFF	SLINWMLIN	KRTTPFFNPN	VSGPNELRHF	DEETEBEVP				
hSGK2	PLEIKHVEFF	SEINWMLIYE	KRTTPFFNPN	VTGFALLKHF	DEETEQEAVS				
mSGK2	PLEIKHVEFF	SEINWMLIYE	KRTTPFFNPN	VEGFALLKHF	DEETEQEAVS				
hSGK3	PLEIKHVEFF	ESLSWALLVQ	KRTTPFFNPN	VAGPDDIRNF	DTAFTETVPE				
hSGK1	NSIGKSPDSV	LVNASVKEAA	DAFLGESYAP	EDDSRL--					
hSGK2	RSIGCTFDTV	---ASSSCAS	SAFLGESYAP	EDDSRL--					
mSGK2	RSIGCTFDTV	---ASSSCAS	SAFLGESYAP	EDDSRL--					
hSGK3	YSVCVSSDYS	LVNASVLEAD	DAFVGFSYAP	PSEDLFLL--					

Figure 13